

Name: _____

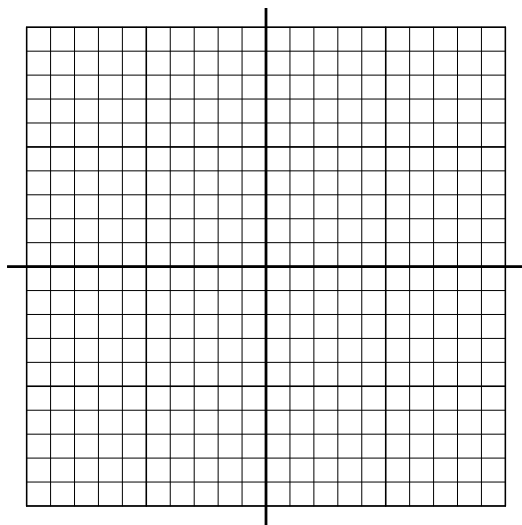
Date: _____

PCW__09__29: Graph Parent Translations (version 16)

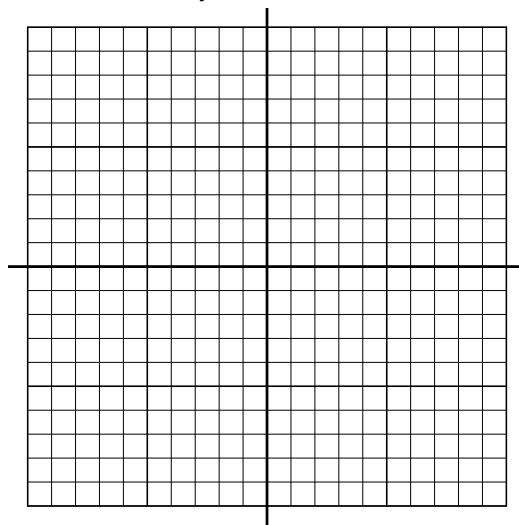
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

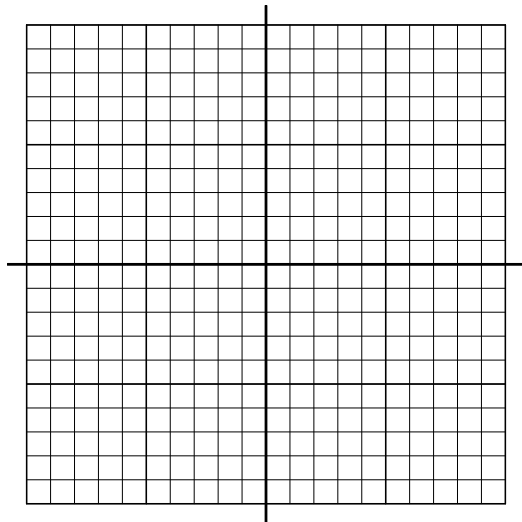
$$y = |x + 3| - 4$$



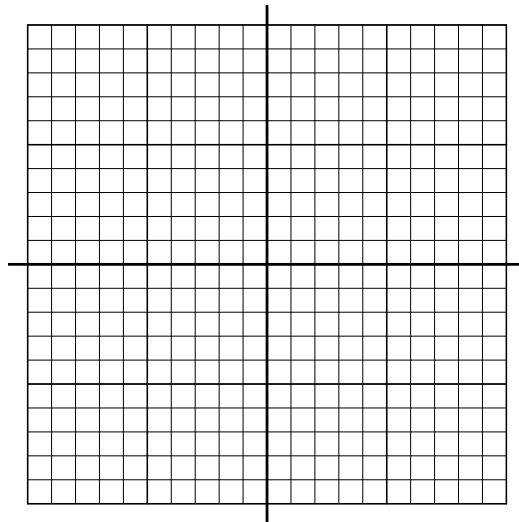
$$y = 2^{x+5} - 2$$



$$y = (x + 4)^3 + 3$$

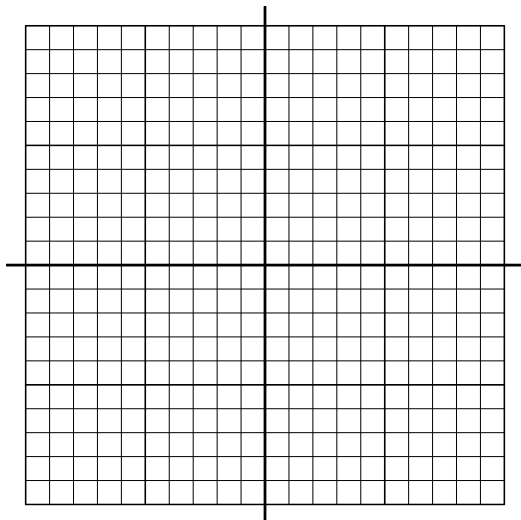


$$y = \sqrt{x - 1} - 2$$

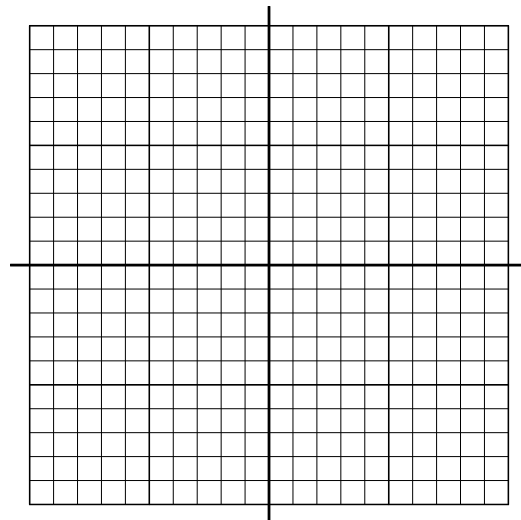


PCW_09_29: Graph Parent Translations (version 16)

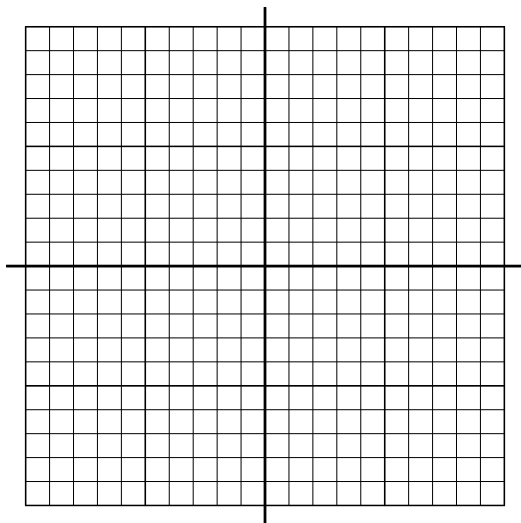
$$y = \sqrt[3]{x+5} + 4$$



$$y = \frac{1}{x-4} + 1$$



$$y = (x+3)^2 - 4$$



$$y = \log_2(x-3) + 5$$

